SEQUENCE LISTING

<110>	TOYOBO NGK Insulators, Ltd.
<120>	DNA Array and Method for Detecting Single Nucleotide Polymorphism
<130>	05-F-013PCT
	JP2004-81034
(151)	2004-03-19
<160>	52
<210>	1
<211>	
<212>	
(213)	Artificial
<220>	
<223>	Descriptoin of artificial sequence: Synthetic oligonucleotide
<400>	1
GGCATC	CACGT CCGTGGCCTT CTCCC 25
<210>	2
<211>	
<212>	DNA
<213>	Artificial
<220>	
<223>	Descriptoin of artificial sequence: Synthetic oligonucleotide
	200022pools of distribute boquenoes symmetric originalization
<400>	2
GCATCA	CGTC CGTGGCCTTC TCCC 24
<210>	3
<211>	23
<212>	DNA
<213>	Artificial
<220>	
<223>	Descriptoin of artificial sequence: Synthetic oligonucleotide

.<400>		•
GCATCA	CGTC CGTGGCCTTC TCC	23
<210>	4	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Descriptoin of artificial sequen	ce: Synthetic oligonucleotide
<400>		
CATCAC	GTCC GTGGCCTTCT CC	22
<210>		
<211>		
<212>		
⟨213⟩	Artificial	
<220>		
<223>	Descriptoin of artificial sequen	ce: Synthetic oligonucleotide
<400>	5	
	GTCC GTGGCCTTCT C	21
<210>		
<211>		
<212>		
<213>	Artificial	
<220>		
<223>	Descriptoin of artificial sequence	ce: Synthetic oligonucleotide
<400>	6	
	TCCG TGGCCTTCTC	20
01100	1000 1000011010	20
<210>	7	
<211>	19	
<212>	DNA	
<213>	Artificial	

<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	7				
ATCACG	TCCG TGGCCTTCT				19
<210>	8				
<211>	18				
<212>	DNA				
<213>	Artificial				
<220>		•			
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	8				
	CCGT GGCCTTCT				18
TORIOUT	0001 00001101				10
(010)					
<210>	9				
<211>	25				
<212>	DNA				
<213>	Artificial				
<220>					٠
<223>	Descriptoin of	artificial	sequence:	Synthetic	${\tt oligonucleotide}$
<400>	9				
GGCATC	ACGT CTGTGGCCTT	CTCCC			25
<210>	10				
<211>	24				
<212>	DNA				
<213>	Artificial				
<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	10				
	GTC TGTGGCCTTC	TCCC			0.4
CONTON	JOIN TOTOGOOTIC	1000			24

<210> 11

```
<211>
      23
<212>
      DNA
<213> Artificial
<220>
<223> Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 11
GCATCACGTC TGTGGCCTTC TCC
                                                                 23
<210> 12
<211> 22
<212> DNA
<213> Artificial
<220>
<223> Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 12
CATCACGTCT GTGGCCTTCT CC
                                                                 22
<210> 13
<211> 21
<212> DNA
<213> Artificial
<220>
<223> Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 13
CATCACGTCT GTGGCCTTCT C
                                                                 21
<210> 14
<211>
      20
<212>
      DNA
<213> Artificial
<220>
<223> Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 14
ATCACGTCTG TGGCCTTCTC
                                                                 20
```

```
⟨210⟩ 15
<211>
       19
<212>
       DNA
<213>
      Artificial
<220>
<223>
      Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 15
ATCACGTCTG TGGCCTTCT
                                                                  19
<210> 16
<211>
      18
<212>
       DNA
<213>
       Artificial
<220>
<223>
      Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 16
TCACGTCTGT GGCCTTCT
                                                                  18
<210> 17
<211> 25
<212>
       DNA
<213>
      Artificial
<220>
<223>
      Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 17
GTCTGCGGGA GCCGATTTCA TCATC
                                                                  25
<210> 18
<211>
      24
<212>
      DNA
<213>
      Artificial
<220>
```

<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	18				
GTCTGC	GGGA GCCGATTTCA	TCAT			24
<210>	19				
<211>	23				
<212>	DNA				
<213>	Artificial				
<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
	•		•	- ,	
<400>	19				
TCTGCG	GGAG CCGATTTCAT	CAT			23
<210>	20				
<211>	22				
<212>	DNA				
<213>	Artificial				
<220>					
<223>	Descriptoin of	artificial	seguence:	Synthetic	oligonucleotide
,,	peser ip term or		sequence.	Synthetic	oligonacieotide
<400>	20				
TCTGCG	GGAG CCGATTTCAT	CA			22
<210>	21				
<211>	21				
<212>	DNA				
<213>	Artificial				
<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
	.		4	-,	0118011401140
<400>	21				
CTGCGG	GAGC CGATTTCATC	A			21
<210>	22				
<211>	20				
<212>	DNA				

```
<213> Artificial
<220>
<223> Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 22
CTGCGGGAGC CGATTTCATC
                                                                 20
<210> 23
<211> 19
<212> DNA
<213> Artificial
<220>
<223> Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 23
TGCGGGAGCC GATTTCATC
                                                                 19
<210> 24
<211> 18
<212> DNA
<213> Artificial
<220>
<223> Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 24
TGCGGGAGCC GATTTCAT
                                                                 18
<210> 25
<211> 25
<212> DNA
<213> Artificial
<220>
<223> Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 25
GTCTGCGGGA GTCGATTTCA TCATC
                                                                 25
```

```
<210> 26
<211>
       24
<212>
       DNA
<213> Artificial
<220>
<223>
       Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 26
GTCTGCGGGA GTCGATTTCA TCAT
                                                                 24
<210> 27
<211> 23
<212> DNA
<213> Artificial
<220>
<223>
      Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 27
TCTGCGGGAG TCGATTTCAT CAT
                                                                 23
⟨210⟩ 28
<211> 22
<212> DNA
<213> Artificial
<220>
<223> Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 28
TCTGCGGGAG TCGATTTCAT CA
                                                                 22
⟨210⟩ 29
<211> 21
<212> DNA
<213>
      Artificial
<220>
<223>
      Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 29
```

CTGCGG	GAGT CGATTTCATC A	4			21
<210>	30				
(211)					
<211>	DNA				
	Artificial				
(210)	01110101				
<220>					
<223>	Descriptoin of a	artificial	sequence:	Synthetic	oligonucleotide
	•		-	•	J
<400>	30				
CTGCGG	GAGT CGATTTCATC				20
			•		
<210>	31				
<211>	19				
<212>					
(213)	Artificial				
<220>					
(223)	Descriptoin of a	artificial	coguenco.	Synthotic	oligopuolootido
(220)	bescriptorn or a	ar trirerar	sequence.	Synthetic	origonacreotide
<400>	31				
	AGTC GATTTCATC				19
<210>	32				
<211>	18				
<212>	DNA				
<213>	Artificial				
/000 \					
<220> <223>	Decemination of a	m+ificial		C 4 h . 4 d .	-141411
\223/	Descriptoin of a	artiliciai	sequence.	Synthetic	oligonucleotide
<400>	32				
	AGTC GATTTCAT				18
					10
<210>	33				
<211>	32				
<212>	DNA				
<213>	Artificial				

<220>

<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	33				
	TGAT TATTTCCCGG	GAACCCATAA	CA		32
	TONE TREE TOOCGG	UMICCONTAN	On		52
<210>	34				
<211>	31				
<212>	DNA				
<213>	Artificial		•		
<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
	postripuorii or		boquonoo	o, none tre	oligonacicotiac
<400>	34				
TTTTTT	GATT ATTTCCCGGG	AACCCATAAC	A		31
<210>	35				
<211>	30				
<212>	DNA				
<213>					
(210)	MI UII I UIII				
<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	35				
TTTTTT	GATT ATTTCCCGGG	AACCCATAAC			30
<210>	36				
<211>	29				
<212>	DNA				
<213>	Artificial				
<220>					
〈223〉	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	36				
	ATTA TTTCCCGGGA	ACCCATAAC			29
					. 23
(010)	0.7				
<210>	37				
〈211〉	28 DNA				
<212>	DNA				

<213>	Artificial				
<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	37	•			
TTTTTG	ATTA TTTCCCGGGA	ACCCATAA			28
<210>					
<211>	35				
<212>	•				
<213>	Artificial				
<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	38				
TTTTTA	TTGA TTATTTCCCA	GGAACCCATA	ACAAA		35
<210>	39				
<211>	34				
<212>	DNA				
<213>	Artificial				
<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	39				
TTTTTA	TTGA TTATTTCCCA	GGAACCCATA	ACAA		34
<210>	40				
<211>	33				
<212>	DNA				
<213>	Artificial				
<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	40				
тттттт	TGAT TATTTCCCAG	CAACCCATAA	$C\Delta\Delta$		22

```
<210> 41
<211> 32
<212> DNA
<213> Artificial
<220>
<223> Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 41
TTTTTTTGAT TATTTCCCAG GAACCCATAA CA
                                                                 32
<210> 42
<211> 31
<212> DNA
<213> Artificial
<220>
<223> Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 42
TTTTTTGATT ATTTCCCAGG AACCCATAAC A
                                                                 31
<210> 43
<211> 34
<212> DNA
<213> Artificial
<220>
<223> Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 43
TTTTTATCAG GATTGTAAGC ACCCCCTGGA TCCA
                                                                 34
<210> 44
<211> 33
<212> DNA
<213> Artificial
<220>
<223> Descriptoin of artificial sequence: Synthetic oligonucleotide
<400> 44
```

TTTTTT	CAGG ATTGTAAGCA	CCCCTGGAT	CCA		33
<210>	45				
<211>	32				
<212>	DNA				
	Artificial				
<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
				-,	-11802010001.00
<400>	45				
TTTTTC	AGGA TTGTAAGCAC	CCCCTGGATC	CA		32
<210>	46				
<211>	31				
<212>	DNA				
<213>	Artificial				
<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	${\tt oligonucleotide}$
(400)	4.0				
<400>		CCCTCCATCC			0.1
IIIIIA	GGAT TGTAAGCACC	CCCTGGATCC	A		31
<210>	47				
<211>	30				
<212>	DNA				
<213>	Artificial				
	. •				
<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	47				
	GATT GTAAGCACCC	CCTGGATCCA			30
Z010\	40				
<210>	48				
<211> <212>	35 DNA				
(212)	Artificial				
(210/	AI CILICIAI				

<220>

<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	48				
TTTTTC	ATCA GGATTGTAAG	CACCCCTGA	ATCCA		35
<210>	49				
<211>	34				
<212>	DNA				
<213>	Artificial				
⟨220⟩					
<223>	Descriptoin of	artificial	sequence:	Synthetic	${\tt oligonucleotide}$
<400>	49				
	TCAG GATTGTAAGC	ACCCCCTGAA	TCCA		34
					•
<210>	50				
(211)	33				
<212>	DNA				
<213>					
<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	50				
TTTTTT	CAGG ATTGTAAGCA	${\tt CCCCTGAAT}$	CCA		33
<210>	51				
<211>	32				
<212>	DNA				
<213>	Artificial				
<220>					
<223>	Descriptoin of	artificial	sequence:	Synthetic	oligonucleotide
<400>	51				
	AGGA TTGTAAGCAC	CCCCTGAATC	CA		32
, , , ,		13001011110			32
<210>	52				
(211)	31				
<212>					

<213> Artificial

<220>

<223> Descriptoin of artificial sequence: Synthetic oligonucleotide

<400> 52

TTTTTAGGAT TGTAAGCACC CCCTGAATCC A

31